Australian Bureau of Statistics

Updating ANZSCO

Reflecting a modern Australian labour market

ANZSCO [Preliminary] Proposed Changes

Version 2.0

Repair and maintenance

ANZSCO Comprehensive Review

Australian Bureau of Statistics

17/6/2024

Essential Notes

The Australian and New Zealand Statistical Classification of Occupations (ANZSCO) describes all occupations for the Australian and New Zealand labour market.

The ABS has undertaken a comprehensive review of the Australian and New Zealand Standard Classification of Occupations (ANZSCO) to reflect the contemporary labour market and better meet stakeholders' needs. Public consultation rounds were held across 2023, with each round targeting selected occupations grouped by focus area.

Statistics New Zealand (Stats NZ) have elected not to participate in the current review and therefore occupation changes have only been considered in respect of the Australian labour market.

Updates to document

This document has been updated based on stakeholder feedback and further research. Minor updates have been made to a handful of occupations. The format of the document has also been updated to improve usability based on feedback received. A preliminary proposed changes document has been created for each of the 43 focus areas. Focus areas were designed to group occupations for consultation purposes only and will not be present in the classification structure.

The preliminary proposed changes presented do not include the full scope of not elsewhere classified categories (nec). Exclusion statements are incomplete and do not reference specific occupation locations within the classification. Outstanding nec categories, exclusion statements and final tweaks to occupations are currently being finalised in preparation for the release of the draft proposed classification in July on the ABS website. The July release will provide users with an opportunity to provide feedback on the structure of the proposed changes, before finalising the update for release by December 2024. These preliminary proposed changes documents are for information only.

Task lists

ABS recognises the potential of Artificial Intelligence (AI) to enhance our operations and efficiency. To this end, we have employed AI to assist in the creation of initial task lists. However, human experts are responsible for the final content, and AI serves as a tool, not a decision-maker. We value stakeholder input and incorporate it into our editing process placing importance on stakeholder submissions and other relevant research contributions.

Learn more about ANZSCO and the review at [Updating ANZSCO | Australian Bureau of Statistics (abs.gov.au)]

Occupations in the Repair and maintenance focus area include:

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About the focus area

The Repair and maintenance focus area covers occupations which require specialised knowledge and skills to:

- repair and maintain motor vehicles and aircraft structures and systems, sub–assemblies and precision instruments
- test and repair electrical appliances, networks and circuits, electronic systems and equipment, lifts, refrigeration and air conditioning equipment, electrical distribution networks, and telecommunications equipment.

Summary of consultation

A diverse array of recommendations were received from stakeholders, of which included proposing the inclusion of emerging occupations and modernising specialisations and specific tasks.

Technological advancements have brought significant transformations to roles within the field of repair and maintenance, resulting in increased skill levels and qualifications in some occupations. Stakeholders also recommended updates to several occupation descriptions to create clearer distinction between similar occupations and define the scope of responsibility of these occupations.

321111 Automotive Electrician

Existing	Proposed
321111 Automotive Electrician Alternative Title: • Automotive Electrical Fitter Installs, maintains and repairs electrical wiring and electronic components in motor vehicles. Registration or licensing may be required. Skill Level: 3	321111 Automotive Electrician Installs, maintains and repairs electrical wiring and electronic components in motor vehicles. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Inspects vehicles to identify electrical and electronic faults • Tests electrical systems and components to determine the cause of malfunctions in vehicles • Maintains, repairs or replaces faulty wiring, switches, and other electrical components in vehicles to ensure optimal performance • Installs new electrical systems and components in vehicles • Uses diagnostic equipment to troubleshoot complex electrical issues with vehicles • Reads and interprets electrical diagrams and technical manuals relating to vehicles Specialisation: • Electric Vehicle Technician

321211 Motor Mechanic (General)

Existing	Proposed	
321211 Motor Mechanic (General) Alternative Title: • Automotive Light Mechanic Maintains, tests and repairs petrol engines and the mechanical parts of lightweight motor vehicles such as transmissions, suspension, steering and brakes. Registration or licensing may be required. Skill Level: 3 Specialisations: • Automatic Transmission Mechanic • Automotive Airconditioning Mechanic • Brake Mechanic • Ground Support Equipment Fitter (Air Force) • Roadside Mechanic • Vehicle Mechanic (Army)	321215 Automotive Technician (General) Alternative Titles: • Motor Mechanic (General) • Light Vehicle Mechanic Maintains, tests and repairs petrol engines and the mechanical parts of lightweight motor vehicles such as transmissions, suspension, steering and brakes. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Inspects lightweight vehicles to identify mechanical issues and determine the necessary repairs • Tests using computerised diagnostic tools to identify problems with petrol engines and mechanical parts of motor vehicles • Repairs or replaces faulty parts and components of motor vehicles • Performs routine maintenance tasks on motor vehicles such as oil changes and filter replacements • Inspects and road tests motor vehicles to ensure they are roadworthy Specialisations: • Automatic Transmission Mechanic • Forklift Technician • Roadside Mechanic • Vehicle Mechanic (Army)	321216 Marine Technician Alternative Title: • Marine Mechanic Maintains, tests and repairs inboard, outboard and diesel marine motors and the mechanical components of vessels such as jet propulsion systems, fuel systems and electric motors, starting and charging systems. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Conducts diagnostic assessments on marine engines and equipment to identify issues and determine the necessary repairs • Carries out repair, replacement and maintenance on marine engines, outboard motors, propulsion systems and other related equipment • Installs and configures marine electronics, navigation systems and related equipment, ensuring proper integration • Conducts performance tests on marine systems and components to ensure compliance with maritime standards and regulations

321212 Diesel Motor Mechanic

Existing	Proposed
321212 Diesel Motor Mechanic Maintains, tests and repairs diesel motors and the mechanical parts of trucks, buses and other heavy vehicles such as transmissions, suspension, steering and brakes. Registration or licensing may be required. Skill Level: 3 Specialisation: • Automotive Heavy Mechanic	321221 Diesel Technician Alternative Title: • Diesel Motor Mechanic Maintains, tests and repairs diesel motors and the mechanical parts of trucks, buses and heavy and lightweight vehicles with diesel engines. These mechanical parts include transmissions, suspension, steering and brakes. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Inspects diesel motors in heavy and lightweight vehicles, and mechanical parts to identify faults and determine repair requirements • Tests and diagnoses faults in diesel motors and mechanical systems using electronic diagnostic equipment, and interprets findings • Dismantles and removes engine assemblies, transmissions, steering mechanisms and other components, and checks parts • Repairs or replaces worn and faulty parts by welding, bolting, riveting or soldering • Reassembles engine components and installs repaired engines in vehicles • Adjusts and repairs electrical and mechanical systems such as ignition, fuel injection, and cooling and lubrication systems • Tests and adjusts mechanical systems after repairs and servicing • Performs routine maintenance such as changing oil, checking batteries and lubricating equipment and machinery Specialisation: • Automotive Heavy Mechanic

321213 Motorcycle Mechanic

Existing	Proposed
321213 Motorcycle Mechanic Maintains, tests and repairs the mechanical parts of motorcycles. Registration or licensing may be required. Skill Level: 3	321213 Motorcycle Technician Alternative Title: • Motorcycle Mechanic Maintains, tests and repairs the mechanical parts of motorcycles. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Inspects motorcycles to identify mechanical issues • Tests motorcycles to diagnose problems and determine necessary repairs • Uses specialised diagnostic equipment to troubleshoot complex issues with engines, transmissions and electrical components • Repairs or replaces faulty and worn-out mechanical parts of motorcycles • Adjusts and tunes engines, brakes, and other mechanical systems • Performs routine maintenance tasks, such as oil changes, battery checks and fits tyres • Conducts tests post-service or repair to assess motorcycle safety and roadworthiness

321214 Small Engine Mechanic

Existing	Proposed
321214 Small Engine Mechanic Maintains, test and repairs engines of chainsaws, lawnmowers, garden tractors and other equipment with small engines. Registration or licensing may be required. Skill Level: 3 Specialisations: • Chainsaw Mechanic • Lawnmower Mechanic • Outboard Motor Mechanic	321218 Small Engine Technician Alternative Title: • Small Engine Mechanic Maintains, tests and repairs engines of chainsaws, lawnmowers, garden tractors and other equipment with small engines. Registration or licensing may be required. Outboard Motor Mechanics are excluded from this occupation. Skill Level: 3 Main Tasks: • Inspects small engines to identify faults and determine necessary repairs • Performs routine maintenance tasks such as oil changes and filter replacements, and cleans and lubricates engine parts • Repairs or replaces defective mechanical parts such as pistons, rings, bearings, valves and carburettors • Uses diagnostic equipment to troubleshoot small engine problems • Adjusts engine components such as ignition timing and fuel mixture • Disassembles small engines and examines parts for defects and wear • Reassembles small engines and tests them to ensure proper functioning Specialisation: • Lawnmower Mechanic

323111 Aircraft Maintenance Engineer (Avionics)

Existing	Proposed	
323111 Aircraft Maintenance Engineer (Avionics) Inspects, tests, aligns, repairs and installs aircraft electrical and avionic system components. Registration or licensing may be required. Skill Level: 3 Specialisations: • Aircraft Maintenance Engineer (Electrical) • Aircraft Maintenance Engineer (Instruments) • Aircraft Maintenance Engineer (Radio) • Avionics Technician (Defence) • Licensed Aircraft Maintenance Engineer (Electrical) • Licensed Aircraft Maintenance Engineer (Instruments) • Licensed Aircraft Maintenance Engineer (Radio)	323114 Aircraft Maintenance Technician (Avionics) Alternative Title: • Aircraft Maintenance Engineer (Avionics) Inspects, tests, aligns, repairs and installs electrical and avionic system components in aircraft including space vehicles. Skill Level: 3 Main Tasks: • Inspects and tests aircraft electrical and avionic systems to identify any faults or damage and ensure aircraft are functioning within safety regulations and standards • Repairs or replaces faulty or damaged aircraft electrical and avionic systems • Installs new aircraft electrical and avionic system components including instruments, radio and communication equipment, and navigation systems • Performs and documents regular maintenance and servicing of aircraft electrical and avionic systems • May manufacture aircraft electrical and avionic hardware components Specialisations: • Aircraft Maintenance Technician (Electrical) • Armament Technician (Defence) • Avionics Technician (Defence)	323116 Licensed Aircraft Maintenance Engineer Supervises, coordinates, inspects and confirms completion of aircraft and/or space vehicle maintenance and certifies aircraft or aircraft parts as airworthy. Registration or licensing is required. Skill Level: 2 Main Tasks: • Supervises and coordinates aircraft and/or space vehicle maintenance activities and personnel • Inspects and tests aircraft and/or space vehicle maintenance is compliant with regulatory standards • Assesses, determines the cause of and rectifies aircraft and/or space vehicle defects and provides technical guidance and support to maintenance staff • Confirms aircraft and/or space vehicle maintenance has been completed and documented and certifies aircraft and/or space vehicle parts as airworthy • May assist with aircraft defect analysis and investigations

323112 Aircraft Maintenance Engineer (Mechanical)

Existing	Proposed
323112 Aircraft Maintenance Engineer (Mechanical) Inspects, tests, repairs and installs aircraft hydromechanical and flight system components and aircraft engines, subassemblies and components. Registration or licensing may be required. Skill Level: 3 Specialisations: • Aircraft Maintenance Engineer (Airframes) • Aircraft Maintenance Engineer (Engines) • Aircraft Technician (Air Force, Army) • Aviation Technician Aircraft (Navy) • Licensed Aircraft Maintenance Engineer (Airframes) • Licensed Aircraft Maintenance Engineer (Engines)	323115 Aircraft Maintenance Technician (Mechanical) Alternative Title: • Aircraft Maintenance Engineer (Mechanical) Inspects, tests, repairs and installs hydromechanical and flight system components and engines, subassemblies and components in aircraft including space vehicles. Skill Level: 3 Main Tasks: • Inspects and tests aircraft hydromechanical and flight systems and components to identify any faults, wear, defects or damage and ensures aircraft are functioning within safety regulations and standards • Repairs or replaces faulty or damaged aircraft hydromechanical and flight systems or components • Installs new aircraft hydromechanical and flight systems including engines, ancillary motors, brakes, hydraulic and pneumatic systems, airframes and subassemblies • Performs and documents regular maintenance and servicing of aircraft hydromechanical and flight systems • May manufacture aircraft hydromechanical, flight system and subassembly components Specialisations: • Aircraft Maintenance Technician (Engines) • Aircraft Mechanic • Aviation Technician Aircraft (Navy) • Aircraft Technician (Army, Air Force)

323113 Aircraft Maintenance Engineer (Structures)

Existing	Proposed
323113 Aircraft Maintenance Engineer (Structures) Inspects, dismantles and reassembles aircraft structures, and repairs and replaces components of aircraft frames. Works with both metal and carbon fibre composite materials. Registration or licensing may be required. Skill Level: 3 Specialisation: • Aircraft Structural Fitter (Air Force, Army)	323113 Aircraft Maintenance Technician (Structures) Alternative Title: • Aircraft Maintenance Engineer (Structures) Inspects, dismantles and reassembles aircraft including space vehicle structures, and repairs and replaces components of aircraft and/or space vehicle frames. Works with both metal and carbon fibre composite materials. Skill Level: 3 Main Tasks: • Inspects, dismantles, modifies, and reassembles aircraft and/or space vehicle structures to identify damage, defects or wear and ensures structures are functioning within safety regulations and standards • Repairs or replaces damaged or worn components of aircraft and/or space vehicle structures • Works with both metal and carbon fibre composite materials to repair or replace aircraft and/or space vehicle structures • Performs and documents regular maintenance and servicing of aircraft and/or space vehicle structures • May manufacture aircraft and/or space vehicle structural components Specialisation: • Aircraft Structural Technician

324111 Panelbeater

Existing	Proposed
324111 Panelbeater Alternative Title: • Collision Repairer Repairs damage to metal, fibreglass and plastic body work on vehicles and forms replacement vehicle panels. Registration or licensing may be required. Skill Level: 3	324111 Panelbeater Alternative Title: • Collision Repairer Repairs damage to metal, fibreglass and plastic body work on vehicles and forms replacement vehicle panels. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Assesses vehicle damage and determines the best method of repair • Removes damaged panels and parts, straightens bent frames and panels using hydraulic jacks and pulling devices • Fills depressions with body filler and smooths surfaces using sandpaper, fits and welds replacement panels into place • Repaints repaired surfaces using spray guns and other painting equipment • Reassembles vehicle parts and checks for proper alignment and functioning • Tests repaired vehicles to ensure safety and quality standards are met

324211 Vehicle Body Builder

Existing	Proposed
324211 Vehicle Body Builder Alternative Title: • Vehicle Body Maker Manufactures and repairs prototype production units and purpose-built vehicle bodies such as buses, trucks, fire engines and caravans. Registration or licensing may be required. Skill Level: 3 Specialisation: • Coach Builder	324211 Vehicle Body Builder Alternative Title: • Vehicle Body Maker Manufactures and repairs prototype production units and purpose-built vehicle bodies such as buses, trucks, fire engines and caravans. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Reads and interprets engineering drawings and specifications • Fabricates and welds metal components to build vehicle bodies • Constructs, assembles and installs vehicle body components such as doors, windows, and panels • Operates machinery and equipment such as cutting and bending machines • Repairs and replaces damaged vehicle body parts • Conducts quality checks and inspections on finished vehicle bodies Specialisation: • Coach Builder

324212 Vehicle Trimmer

Existing	Proposed
324212 Vehicle Trimmer Installs, repairs and replaces the interior trim of vehicles such as seats, linings, floor coverings and door trims. Registration or licensing may be required. Skill Level: 3 Specialisation: • Vehicle Upholsterer	324212 Vehicle Trimmer Installs, repairs and replaces the interior trim of vehicles such as seats, linings, floor coverings and door trims. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Inspects vehicles for interior trim repairs or replacements needed • Repairs or replaces damaged or worn interior trim components • Installs new interior trim components such as seats, linings, floor coverings and door trims • Cuts and sews fabric or upholstery materials, applies adhesives or fasteners to fit and secure interior trim components • Tests installed interior trim components for proper functionality and appearance • Collaborates with other automotive professionals to ensure proper coordination of interior trim installations Specialisation: • Vehicle Upholsterer

324311 Vehicle Painter

Existing	Proposed
324311 Vehicle Painter Alternative Title: • Vehicle Refinisher Prepares surfaces of vehicles, matches and mixes colours and applies paint. Registration or licensing may be required. Skill Level: 3	324311 Vehicle Painter Alternative Title: • Vehicle Refinisher Prepares surfaces of vehicles, matches and mixes colours and applies paint. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Prepares surfaces of vehicles for painting by cleaning, sanding, and masking • Matches and mixes paint colours to vehicle specifications • Applies paint to vehicles using spray guns, brushes, or rollers ensuring paint coverage is even and smooth • Applies clear coat and other protective finishes to vehicles • Inspects painted vehicles for quality and makes any necessary touch-ups or repairs

342111 Airconditioning and Refrigeration Mechanic

Existing	Proposed
342111 Airconditioning and Refrigeration Mechanic Assembles, installs, maintains and repairs industrial, commercial and domestic airconditioning and refrigeration systems and equipment. Registration or licensing may be required. Skill Level: 3	342111 Airconditioning and Refrigeration Technician Alternative Title: • Airconditioning and Refrigeration Mechanic Assembles, installs, maintains and repairs industrial, commercial and domestic airconditioning and refrigeration systems and equipment that can contain refrigerant gases and liquids. Registration or licensing may be required. Airconditioning and Mechanical Services Plumbers are excluded from this occupation. Skill Level: 3 Main Tasks: • Installs airconditioning and refrigeration systems and equipment in industrial, commercial and domestic settings • Assembles components and parts to construct airconditioning and refrigeration systems • Repairs and maintains airconditioning and refrigeration components such as compressors, motors, condensers, evaporators and pumps • Repairs and maintains airconditioning and refrigeration lines used for refrigerant, liquids and gases in the airconditioning, heating or cooling process • Tests operational airconditioning and refrigeration systems to prevent breakdowns and ensure optimal performance • Fills systems with gas or fluid to check for leaks, and removes gas and fluids with vacuum pumps • Recovers and fills refrigerant in airconditioning and refrigeration systems

342211 Electrical Linesworker / Electrical Line Mechanic

Existing	Proposed
342211 Electrical Linesworker / Electrical Line Mechanic Installs, maintains, repairs and patrols electrical sub-transmission and distribution systems. Registration or licensing may be required. Skill Level: 3 Specialisations: • Electrical Linesworker (Distribution)/Electrical Line Mechanic (Distribution) • Electrical Linesworker (Transmission)/Electrical Line Mechanic (Transmission) • Railway Traction Line Worker	342213 Electrical Distribution Trades Worker Installs, joins, maintains, and repairs electrical cables, transmission and distribution systems for both overhead and underground lines. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Installs and maintains distribution overhead and underground conductors and cables, low voltage overhead services, poles, structures and hardware • Installs cable joints in underground conduits and trenches • Performs routine maintenance of overhead and underground power lines, cables and auxiliary equipment • Identifies and diagnoses faults and solves problems in the distribution and underground networks • Inspects and tests cables and cable joints to identify faults and determine repair or replacement needs • Selects and prepares cables, connectors and other material for cable jointing • Terminates cables by connecting them to electrical equipment and overhead lines • May operate heavy plant equipment such as elevated work platforms and portable equipment such as hydraulic drills • May undertake substation installation and maintenance, and specialised testing and revenue meter installation Specialisations: • Electrical Linesworker (Distribution)/Electrical Line Mechanic (Distribution) • Electrical Linesworker (Transmission)/Electrical Line Mechanic (Transmission) • Railway Traction Line Worker • Technical Cable Jointer

342212 Technical Cable Jointer

Existing	Proposed
342212 Technical Cable Jointer Joins insulated electric power cables installed in underground conduits and trenches and prepares cable terminations for connection to electrical equipment and overhead lines. Registration or licensing may be required. Skill Level: 3	Retire occupation and merge residual with proposed occupation; 342213 Electrical Distribution Trades Worker.

342311 Business Machine Mechanic

Existing	Proposed
342311 Business Machine Mechanic Alternative Titles: • Office Equipment Technician • Office Machine Technician Installs, maintains and repairs electronic business equipment such as multi-function devices, photocopiers, scanners, fax machines and cash registers. Skill Level: 3 Specialisation: • Photocopier Technician	342311 Office Equipment Technician Installs, maintains and repairs electronic office or business equipment such as multi-function devices, printers and photocopiers. Skill Level: 3 Main Tasks: • Examines and tests electronic office equipment such as multi-function devices, printers and photocopiers to diagnose and troubleshoot issues • Installs new equipment and performs routine maintenance to ensure optimal performance • Repairs electronic office equipment by replacing faulty, worn or defective components and wiring • Provides technical support, training and assistance to users of electronic office equipment • Keeps records of maintenance and repair activities for electronic office equipment • Orders and maintains inventory of spare parts and supplies for electronic office equipment Specialisations: • Photocopier Technician • Printer Technician

342312 Communications Operator

Existing	Proposed
342312 Communications Operator Transmits and receives radio messages by use of morse code, voice and radio teletype. Skill Level: 3 Specialisations: • Communication Information Systems Sailor (Navy) • Communications and Information Systems Controller (Air Force) • Operator Specialist Communications (Army)	342312 Communications Operator Transmits and receives radio messages by use of morse code, voice and radio teletype. Skill Level: 3 Main Tasks: • Receives and transmits radio messages using morse code, voice, and radio teletype • Monitors and maintains radio equipment • Follows established procedures and protocols for radio communication • Maintains communication with other operators and provides information and assistance to personnel to relay messages accurately and efficiently • Maintains confidentiality and security of sensitive information transmitted over the radio and keeps accurate records of all radio communications Specialisations: • Communication Information Systems Sailor (Navy) • Operator Specialist Communications (Army) • Communications and Information Systems Controller (Air Force)

342313 Electronic Equipment Trades Worker

Existing	Proposed
342313 Electronic Equipment Trades Worker Installs, maintains, and repairs electronic equipment and systems such as audio and visual reproduction equipment, home entertainment systems, computers and electronic security systems. Skill Level: 3 Specialisations: • Audiovisual Technician • Fire Alarm Technician • Home Theatre Technician • Security Technician • Video Technician	342313 Electronic Equipment Trades Worker Installs, maintains, and repairs electronic equipment and systems such as audio and visual reproduction equipment, home entertainment systems, computers and electronic security systems. Skill Level: 3 Main Tasks: • Installs, calibrates, and adjusts electronic equipment and systems to meet required standards • Tests and troubleshoots electronic equipment and systems to identify and resolve faults • Repairs and replaces faulty components and parts in electronic equipment and systems • Maintains and services electronic equipment and systems to ensure optimal performance Specialisations: • Audiovisual Technician • Fire Alarm Technician • Home Theatre Technician • Security Technician • Video Technician

342314 Electronic Instrument Trades Worker (General)

Existing	Proposed
342314 Electronic Instrument Trades Worker (General) Alternative Title: • Instrument and Control Service Person Installs, modifies, maintains, and repairs electronic instruments and control systems. Registration or licensing may be required. Skill Level: 3 Specialisations: • Communications Electronic Technician (Air Force) • Electronic Technician (Navy)	342316 Electronic Instrument Technician Installs, modifies, maintains, calibrates, adjusts, and repairs electronic instruments and control systems, including those which use a combination of electrical, electronic, mechanical, hydraulic, and pneumatic principles. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Installs and commissions complex electronic instruments and control systems for monitoring, controlling and automating processes • Modifies and upgrades existing electronic instruments and control systems • Performs routine maintenance and inspections, including diagnosing, troubleshooting faults, calibrating and testing • Repairs and replaces faulty components in electronic instruments and control systems Specialisations: • Electronic Technician (Navy) • Communications Electronic Technician (Air Force)

342315 Electronic Instrument Trades Worker (Special Class)

Existing	Proposed
342315 Electronic Instrument Trades Worker (Special Class) Alternative Title: • Industrial Measurement and Control Technician Installs, modifies, maintains, and repairs complex electronic instruments and control systems which involve a combination of electrical, electronic, mechanical, hydraulic, and pneumatic principles. Registration or licensing may be required. Skill Level: 3	Retire occupation and merge residual with proposed occupation; 342316 Electronic Instrument Trades Worker (General)

342411 Cabler (Data and Telecommunications)

Existing	Proposed
342411 Cabler (Data and Telecommunications) Installs internal telecommunications and data cabling, equipment and peripherals for computer networks, telephony, cable television and monitored security and fire alarms. Skill Level: 3	342411 Cabler (Data and Telecommunications) Installs internal telecommunications and data cabling, equipment and peripherals for computer networks, telephony, cable television and monitored security and fire alarms. Registration or licensing is required. Skill Level: 3 Main Tasks: • Installs and connects cables to distribution frames, cabinets, and other telecommunications equipment • Identifies, locates, and rectifies faults in data and telecommunications cable installations • Sets up and configures data communication systems, local area networks and wireless communication networks

342412 Telecommunications Cable Jointer

Existing	Proposed
342412 Telecommunications Cable Jointer Joints, terminates, and repairs copper and fibre optic telecommunications cables installed in underground pipes, trenches, and overhead systems. Skill Level: 3 Specialisations: • Fibre Optic Cable Splicer • Fibre Optics Jointer	342412 Telecommunications Cable Technician Joins, terminates, and repairs copper and fibre optic telecommunications cables installed in underground pipes, trenches, and overhead systems. Skill Level: 3 Main Tasks: • Inspects and tests telecommunications cables to identify faults and determine repair requirements • Locates and excavates cable faults using appropriate tools and equipment • Joins and terminates copper and fibre optic cables using appropriate connectors and splicing techniques • Installs and repairs underground pipes and trenches to accommodate telecommunications cables • Installs and repairs overhead systems for telecommunications cables • Tests and measures cable performance using specialised equipment Specialisations: • Fibre Optic Cable Hauler • Fibre Optic Cable Splicer • Fibre Optics Technician

342413 Telecommunications Linesworker / Telecommunications Line Mechanic

Existing	Proposed
342413 Telecommunications Linesworker / Telecommunications Line Mechanic Installs, maintains, and repairs external telecommunication equipment such as aerial lines, conduits and underground cables, radio and mobile phone antennae, and limited items of terminal equipment. Skill Level: 3 Specialisation: • Operator Bearer Systems (Army)	342413 Telecommunications Linesworker / Telecommunications Line Mechanic Installs, maintains and repairs external telecommunication equipment such as aerial lines, conduits and underground cables, radio and mobile phone antennae, and limited items of terminal equipment. Skill Level: 3 Main Tasks: • Installs and maintains external telecommunication equipment such as aerial lines, conduits and underground cables • Repairs and replaces damaged or faulty telecommunication equipment • Installs and maintains radio and mobile phone antennae • Tests and troubleshoots telecommunication equipment to identify and resolve issues • Performs routine maintenance on telecommunication equipment • Works at heights on a range of telecommunications structures such as poles, towers and masts Specialisation: • Operator Bearer Systems (Army)

342414 Telecommunications Technician

Existing	Proposed
342414 Telecommunications Technician Alternative Title: • Communications Technician Installs, maintains and repairs telecommunications equipment and appliances, such as telephones, mobile telephones, switchboards and data transmission equipment, in homes, businesses, telephone exchanges and other network sites. Skill Level: 3 Specialisation: • Technician Telecommunication Systems (Army)	342414 Telecommunications Technician Alternative Title: • Communications Technician Installs, maintains and repairs telecommunications equipment and appliances, such as telephones, mobile telephones, switchboards and data transmission equipment, in homes, businesses, telephone exchanges and other network sites. Skill Level: 3 Main Tasks: • Installs telecommunications equipment and appliances in homes, businesses, telephone exchanges, and other network sites • Diagnoses and locates equipment faults, and adjusts, replaces or repairs telecommunications equipment • Performs routine inspections and preventative maintenance on telecommunications equipment and appliances • Configures and programs telecommunications equipment and appliances according to specifications • Provides technical support and assistance to customers and end users of telecommunications equipment and appliances Specialisation: • Technician Telecommunication Systems (Army)

399611 Signwriter

Existing	Proposed
399611 Signwriter Designs, fabricates and paints signs for displays, buildings, hoardings, boats and structures. Registration or licensing may be required. Skill Level: 3 Specialisation: • Sign Manufacturer	399611 Signwriter Designs, fabricates, paints and wraps signs for displays, buildings, hoardings, boats and structures. Registration or licensing may be required. Sign Erectors are excluded from this occupation. Skill Level: 3 Main Tasks: • Consults with clients and responds to proposals, sketches and written instructions to determine composition of signs • Designs and creates signs and illustrations using computer software and signmaking machines • Designs and creates murals, screen prints, gold leaf work and vinyl sign writing • Applies vinyl wrapping to a variety of media • Prints and plots on laminate and other paper types • Measures and calculates letter size, prepares the surface, and applies background paint using brushes, sprays and rollers • Paints signs and letters using lacquers, varnishes, paints and other materials on brick, metal, timber, glass, plastic and other surfaces • May make three dimensional signs Specialisations: • Electronic Illumination Signwriter • Sign Maker/Manufacturer • Vinyl Signwriter and Applicator

712911 Boiler or Engine Operator

Existing	Proposed
712911 Boiler or Engine Operator Operates and maintains stationary engines, boilers, refrigeration and airconditioning systems, and associated mechanical plant. Registration or licensing is required. Skill Level: 4 Specialisations: • Airconditioning Plant Operator • Marine Engine Driver • Refrigeration Plant Operator	712911 Boiler or Engine Operator Operates and maintains stationary engines, boilers, refrigeration and airconditioning systems, and associated mechanical plant. Registration or licensing is required. Skill Level: 4 Main Tasks: • Performs routine maintenance and repairs on engines, boilers and mechanical systems • Monitors and adjusts controls to maintain optimal operating conditions • Records and reports on the performance and maintenance of equipment • Inspects and tests safety devices and equipment to ensure compliance with regulations and standards • Responds to alarms and emergencies, and takes appropriate action to prevent damage or accidents • Assists with the installation and commissioning of new equipment Specialisations: • Airconditioning Plant Operator • Marine Engine Driver • Refrigeration Plant Operator

899311 Handyperson

Existing	Proposed
899311 Handyperson Cleans, paints, repairs and maintains buildings, grounds and facilities. Skill Level: 5 Specialisation: • Hotel Yardsperson	899311 Handyperson Cleans, paints, repairs and maintains buildings, grounds and facilities. Skill Level: 5 Main Tasks: • Performs routine maintenance tasks such as changing light bulbs and fixing leaks • Cleans and maintains buildings, grounds and facilities • Repairs and replaces broken or damaged fixtures, furniture and equipment • Paints walls, ceilings and other surfaces • Operates and maintains hand and power tools • Assists with the installation of new equipment or fixtures • Inspects buildings and facilities for safety hazards and reports any issues • Performs landscaping and gardening tasks • Moves and arranges furniture and equipment as needed • Keeps records of maintenance and repair work performed Specialisation: • Property Maintenance Worker

899411 Motor Vehicle Parts and Accessories Fitter (General)

Existing	Proposed
899411 Motor Vehicle Parts and Accessories Fitter (General) Fits and replaces parts and accessories on motor vehicles. Skill Level: 4	899416 Motor Vehicle Parts and Accessories Fitter (General) Fits, replaces and repairs parts and accessories on motor vehicles. Skill Level: 4 Main Tasks: • Inspects motor vehicles to identify parts and accessories that need to be fitted, replaced or repaired • Removes old or damaged parts and accessories from motor vehicles including radiators, cooling systems and exhaust and muffler systems • Installs new parts and accessories onto motor vehicles including exhaust and muffler systems, radiators, thermostats, batteries, sunroofs, audio systems, alarms, seats and seat covers • Tests, calibrates and adjusts fitted parts and accessories on motor vehicles to ensure proper functioning • Uses hand tools and power tools to perform fitting, repairing and replacement tasks of parts and accessories Specialisations: • Exhaust and Muffler Repairer • Radiator Repairer

899412 Autoglazier

Existing	Proposed
899412 Autoglazier Alternative Title: • Windscreen Fitter Repairs and replaces windscreens and side and rear glass in motor vehicles. Skill Level: 4 Specialisation: • Vehicle Window Tinter	899412 Autoglazier Alternative Title: • Windscreen Fitter Repairs and replaces windscreens and side and rear glass in motor vehicles. Skill Level: 4 Main Tasks: • Examines damaged windscreens and side and rear glass to determine extent of damage • Removes damaged glass from vehicles and measures and cuts replacement glass for proper fit • Installs and tests repaired or replaced glass for proper fit and function • Repairs minor glass damage using resin and polishing tools • Cleans and polishes glass surfaces to ensure clarity and visibility • Provides advice and recommendations to customers on glass repair and replacement options Specialisation: • Vehicle Window Tinter

899413 Exhaust and Muffler Repairer

Existing	Proposed
899413 Exhaust and Muffler Repairer Alternative Title: • Exhaust and Muffler Fitter Repairs and replaces defective exhaust and muffler systems in motor vehicles. Skill Level: 4	Retire occupation and merge residual with proposed occupation; 899416 Motor Vehicle Parts and Accessories Fitter (General).

899414 Radiator Repairer

Existing	Proposed
899414 Radiator Repairer Alternative Title: • Radiator Fitter Repairs and replaces radiators and cooling systems in motor vehicles. Skill Level: 4	Retire occupation and merge residual with proposed occupation; 899416 Motor Vehicle Parts and Accessories Fitter (General).

899415 Tyre Fitter

Existing	Proposed
899415 Tyre Fitter Fits, repairs and replaces tyres on motor vehicles. Skill Level: 4	899415 Tyre Fitter Fits, repairs and replaces tyres on motor vehicles. Skill Level: 4 Main Tasks: • Inspects tyres on motor vehicles to determine the need for repairs or replacements • Moves vehicles onto raising platforms or other lifting devices, or uses a jack to raise vehicles for wheel removal • Removes or dismounts old tyres and fits and mounts new or repaired tyres from vehicles using appropriate tools and equipment • Repairs punctured and damaged tyres using patching materials and vulcanising equipment • Balances tyres using wheel balancing machines to ensure smooth and even rotation • Inflates tyres to recommended pressure levels using air compressors or other inflation equipment • Aligns and adjusts wheel and tyre assemblies to ensure proper alignment and handling • Rotates tyres on vehicles to promote even wear and extend tyre life Specialisation: • Wheel Aligner

899911 Bicycle Mechanic

Existing	Proposed
899911 Bicycle Mechanic Alternative Title: • Bicycle Repairer Repairs and adjusts bicycles, and assembles bicycle kits. Skill Level: 5 Specialisation: • Bicycle Technician (ANZSCO Skill Level 3)	899919 Bicycle Technician Alternative Titles: • Bicycle Mechanic • Bicycle Repairer Undertakes bicycle diagnostics and repairs. Assembles and services electric and regular bicycles and scooters. Skill Level: 3 Main Tasks: • Performs advanced diagnostics by identifying and troubleshooting mechanical and electronic issues in bicycles using specialised equipment • Assembles bicycles from parts or kits and modifies bicycles according to customer specifications, including fitting specialised parts • Builds bicycle wheels, and fits and maintains tyres • Repairs and overhauls bicycle hydraulic braking and drivetrain systems • Services and tunes electronic gear shifting systems for high-end bicycles • Maintains and repairs electric bicycle and scooter components such as motors, batteries, controllers and wiring Specialisation: • Electric Bike (e-bike) Technician

899916 Mechanic's Assistant

Existing	Proposed
899916 Mechanic's Assistant Assists Motor Mechanics to replace and repair worn and defective parts, re-assemble mechanical components, change oil and filters, and perform other routine mechanical tasks. Skill Level: 5 Specialisation: • Lube Attendant	899916 Mechanic's Assistant Assists Automotive Technicians to replace and repair worn and defective parts, reassemble mechanical components, change oil and filters, and perform other routine mechanical tasks. Skill Level: 5 Main Tasks: • Assists in the replacement and repair of worn and faulty motor parts • Reassembles mechanical components under the guidance of Motor Mechanics • Performs routine mechanical tasks such as checking and adjusting fluid levels, replacing batteries, filters, and cleaning components • Assists in diagnosing and resolving mechanical issues • Assists in conducting vehicle inspections and tests • Retrieves and delivers vehicles to customers or other locations as required Specialisation: • Lube Attendant

899918 Sign Erector

Existing	Proposed
899918 Sign Erector Erects and installs signs, and cleans signs and their sites after installation. Skill Level: 5	899918 Sign Installer Alternative Title: • Sign Erector Erects, installs, maintains and cleans signs and their sites pre and post installation. Registration or licensing may be required. Skill Level: 5 Main Tasks: • Reads and interprets work orders and plans to determine sign installation requirements • Prepares sign installation sites, and ensures signs are positioned correctly and securely fastened • Cleans signs and their sites after installation to maintain appearance and visibility • Inspects signs for damage or wear and performs necessary repairs or replacements • Dismantles and removes unwanted signs • Adheres to safety protocols and regulations while working at heights and with heavy equipment • May assist in installing electronic signs